



Beekeeping in WA.

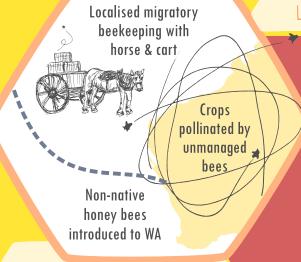
Industry evolution with changing resource security in Western Australia.

Pre-1829 Indigenous practice of Caring for Country with sustainable, low disturbance land management.

INSIGHTS INTO FLORAI RESOURCE USE BY COMMERCIAL BEEKEEPERS IN THE SOUTHWEST REGION

Swan Settlers Cooperative & Wescobee established to market & distribute honey in bulk

research &



Bushfire, forest & beekeeping segulations are legislated to improve their dependent industries.

LOCAL BEEKEEPING

1830s - 1920s

Early beekeeping is stationary & localised near settlements. The timber industry exploits old growth forests for exports & land is cleared for agriculture. Swarms from honeybee hives result in unmanaged bee populations establishing in native bushlands & pollinating crops. A reduction of mature overstorey & widespread logging debris intensifies wildfire conditions. The loss of bee forage prompts migration of hives using horse & cart to increase honey production. Large-scale bee farms are established across the southwest where eucalypt woodland areas provide reliable annual nectar flows.

Bush Fires Act 1885 · Beekeepers' Act 1899 · District Fir Brigades Act 1909 · Health Act 1911 · Forests Act 191

1930s - 1960s

COMMERCIAL BEEKEEPING

Extensive clearing of woodlands in the agricultural wheatbelt pushes beekeepers to become truly migratory. The advent of vehicles & road expansion mobilises beekeepers to access distant flowering events in the forests, woodlands & coastal heath. Industry participation grows and productivity increases, with surplus honey exported overseas. The state government administers apiary site permits to manage beekeeper access on public lands & reduce biosecurity risks. Fire disasters shift management practices from fire exclusion to prescribed burning.

Fire disasters initiate prescribed burning practice

Beekeepers migrate to follow floral events



Site permits required for public land access

Beekeeping acts are refined to address biosecurity) resource access & food health concerns. Bushfire management through legislation, approaches evolve through legislation.

Organisations
develop with
Beekeeping
Section of WA
Farmers
Federation,
Western
Australian
Beekeepers
Association
(WABA), Bee
Industry Council
WA (BICWA),
Beekeeper
Consultative
Committee
(BCC) &
Australian
Honey Bee
Industry
Council.
(AHBIC)

Hives restricted on public lands to protect biodiversity

Prescribed burning increases frequency of fires

Biosecurity border controls & queen bee breeding program established

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Land use conflict warrants controls to manage society's emerging competing interests & values. Creation of conservation reserves with restricted beekeeper access result from questions around honeybee threats to biodviersity. Mounting pressures (climate, fire, logging) impact resource quality & quantity with many concerns voiced at a new bee industry forum. Resource access issues increase hive migration distances. Associated travel costs & low honey prices force beekeepers to leave industry as export markets decline. Incursion of viruses & pests in northern WA cause industry concern.

Conservation and Land Management (CALM) Act 1984 · CALM - Policy Statement No. 41 - Beekeeping on Public Land 1992 · Native Title Act 1993 · Fire and Emergency Services Act 1998 · Competition Policy Review of CALM Act 1999 · Regional Forest Agreement 1999 · Forest Products Act 2000 · Standard apiary site conditions 2000

2010s - 2020

INDUSTRY REVIVAL

Threats to global honeybee populations lead to higher honey prices & public support for 'saving the bees'. The WA bee industry develops a new value proposition for premium mono-floral bioactive honeys while pollination services demand increases. Higher market values attract investors, new hobbyists & commercial beekeepers to the industry. Tradable public apiary permits increase asset values for businesses with access to quality resources. Nectar flows & resource access continue to decline due to climate change, fire regimes, logging & mining impacting the health of sensitive biodiverse ecosystems.

Hives migrated further east & melliferous flora planted to adapt to changing conditions

Industry innovations



Price premium reflects honey's health henefits

Reforms to bushfire and environmental management laws continue to influence natural resource management practices.

Conservation and Land Management Amendment Regulations (No. 2) 2010 - Office of

The State government announced the cessation of native timber logging in public forests (with some exceptions) for the 2024-2033 Forest Management Plan. Resource security for beekeepers is achieved when the bee industry sustains equitable access to healthy mature native vegetation, which enables high value products & pollination services, enhancing agricultural productivity.

Specialist
entities increase
research &
marketing of
Jarrah honey
products.
Industry
transformations
supported
through
Promotions
Committee &
CRC for Honey